

# **PRODUCT DATASHEET** F11947\_JULIA-A

JULIA-A		
~90° + 160° wide beam		
SPECIFICATION:		
Dimensions Height Fastening ROHS compliant	Ø 18.9 mm 4.7 mm glue, pin yes î	
MATERIALS:		1939



Component JULIA-A

## **Type** Single lens

Qty in box

4500

Material	Colour	Finish
PMMA	clear	

MPQ

500

MOQ

1000

### **ORDERING INFORMATION:**

Component
F11947_JULIA-A
» Box size: 470 x 235 x 270 mm

Box weight (kg)

7.9



## PRODUCT DATASHEET F11947\_JULIA-A

	D		S			В		<		
4	Isometric	view				.6	2 2			4
3		<u>c1</u>	4481_Tir	ua-tabe	(	ó	0.15			3
2	Material: PMMA Part no.s: Lens: F11947_Julia Assembly: FA11948_ (E11047_Ulia A +	Julia-A-ta	06		Top	view	18.86			2
-	(F11947_Julia-A + of This drawing is our It can't be reprodu or communicated wit our written agreeme DRAWN BY mav CHECKED BY tk DESIGNED BY ol D	property. ced hout	DRAWIN SIZE I		Datashe NG NUMBER	1947	LO		REV 1 1/1	1

See also our general installation guide: <u>www.ledil.com/installation\_guide</u>



## **OPTICAL RESULTS (MEASURED):**

# 

LED	XP-E
FWHM / FWTM	164.0°
Efficiency	90 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White
Required componen	ts:

## 

LED	XP-G
FWHM / FWTM	166.0°
Efficiency	90 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White
Required componen	ts:

## UMILEDS

LED	LUXEON Rebel
FWHM / FWTM	154.0°
Efficiency	90 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required componen	its:

UMIL	EDS	92*
LED	LUXEON Rebel ES	
FWHM / FWTM	163.0°	10 - 20
Efficiency	90 %	
Peak intensity	0.2 cd/lm	200
LEDs/each optic	1	20
Light colour	White	45" 30 45"
Required compone	nts:	
		30* 30*
		15' 50 15'



## **OPTICAL RESULTS (MEASURED):**

## *Μ***ΝΙCΗΙΛ**

LED	NCSxx19A
FWHM / FWTM	156.0°
Efficiency	90 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White
Required componen	its:

## *Μ***ΝΙCΗΙΛ**

LED	NVSxx19A
FWHM / FWTM	159.0°
Efficiency	90 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White
Required compone	nts:

#### OSRAM Opto Semiconductors

LEDOSLON Square PCFWHM / FWTM165.0° / 185.0°Efficiency93 %Peak intensity0.3 cd/lmLEDs/each optic1Light colourWhiteRequired components:

#### OSRAM Opto Semiconductors

LEDOFWHM / FWTM15Efficiency90Peak intensity0.LEDs/each optic1Light colourWRequired components:

OSLON SSL 150 159.0° 90 % 0.3 cd/lm 1 White



## **OPTICAL RESULTS (MEASURED):**

OSRAM	
Opto Semiconductors	
LED	OSLON SSL 80
FWHM / FWTM	158.0°
Efficiency	90 %
Peak intensity	0.2 cd/lm
LEDs/each optic	1
Light colour	White
Required compone	nts:
SEOUL	
	75
	Z5
FWHM / FWTM	160.0°
Efficiency	86 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required compone	nts:



## **OPTICAL RESULTS (SIMULATED):**

<b>Ø</b> ΝΙCΗΙΛ		50°
LED	NF2W757G-MT (Tunable White)	
FWHM / FWTM	158.0 + 160.0° / 170.0 + 172.0°	73*
Efficiency	94 %	200
Peak intensity	0.4 cd/lm	50° 604.
LEDs/each optic	1	
Light colour	Tunable White	45°
Required components:		50 60 70 70 60 70 70 70 70 70 70 70 70 70 70 70 70 70
OSRAM Opto Semiconductors		<u>80*</u> 99*
	Duris S5 (2 chip)	<u>89</u>
Opto Semiconductors	Duris S5 (2 chip) 140.0° / 157.0°	3 <sup>1</sup>
Opto Semiconductors		75° 75°
opto Semiconductors LED FWHM / FWTM	140.0° / 157.0°	99° 99° 75° 50° 60° 60°
Opto Semiconductors LED FWHM / FWTM Efficiency	140.0° / 157.0° 99 %	75° 75°
opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	140.0° / 157.0° 99 % 0.3 cd/lm	73 <sup>4</sup> 75 <sup>2</sup>



#### **GENERAL INFORMATION:**

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

#### MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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